



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 21

59192

OAK RIDGE, TENNESSEE

59193

Tuesday, May 31, 1949



59133 Y-12 Photos By Vince Moore

THE ABOVE PICTURES SHOW HOW EMPLOYEES IN Bldg. 9704-2 carried out a recent emergency drill. At left employees are shown leaving the building from exits on the first and second floors. The picture at the right shows C. L. Bratcher, extreme left, a Warden in the Local Emergency Squad; and R. M. James, member of the squad standing in doorway; giving the "all clear" signal. The lower picture shows the Y-12 Plant Supervisors who have arranged the emergency drills. At the table are G. L. Underwood, Group I; and Leo Hemphill, relief. In the rear from left are H. N. Benninghoff, Group III; D. G. Hill, Group II; George W. Mitchell, Coordinator of the Shift Supervisors; and E. C. Richardson, Group IV.

Emergency Practice Drills In Y-12 Train Employees In Responsibilities Under Plan

In accordance with the Y-12 Emergency Plan (Standard Practice Procedure No. 46-B) emergency practice drills are now being conducted in all occupied buildings to familiarize local emergency personnel and all employees with their duties and responsibilities in case of any emergencies that might arise. The practice emergency drills have been held in 10 buildings so far, and others are being scheduled by Plant Shift Supervisors with the cooperation of Local Emergency Directors and Building Supervisors.

The emergency drills are a vital part in the Plant Emergency Plan, which is drawn with the objective of protecting all employees and equipment in case of emergency. The plan includes training all employees in safe conduct and orderly evacuation of buildings or areas in which an emergency may arise.

To Be Held Periodically

It is planned to hold the emergency drills periodically throughout the plant. In the initial drills all personnel in buildings involved will be notified in advance in order that the building emergency procedure may be reviewed and that all employees know exactly what to do. Subsequent drills may be conducted without advance notice to operating personnel. Plant Shift Supervisors who have witnessed the drills already held have reported most of them carried out in a smooth fashion with utmost cooperation being provided by local emergency personnel and the employees involved.

How Drills Are Arranged

In the pre-arranged practice emergency drills, the Plant Shift Supervisor contacts the Building Super-

(Continued On Page 4)

Oak Ridge Lions Club Names Dr. C. P. Keim As President

Dr. C. P. Keim, Superintendent of the Isotope Development Department in Y-12, was elected president of the Oak Ridge Lions Club Monday night, May 23, at the Oak Terrace. Several other Y-12 employees also were selected as officers of the club for the coming year.

Dr. Keim has been active in the work of the club for several years. Other Y-12ers elected include Wes Savage, treasurer; and Joe Preslar, lion tamer. H. M. Buckminster, former Y-12 employee, was elected secretary; and L. Z. Dolan, another former Y-12er, was named member of the board of directors. Dr. Keim is a holdover member of the board and will resign July 1 so as not to hold two positions.

Other Lions' officers named are Walter Mills, first vice president; Riley Barrett, second vice president; James Le Sieur, third vice president; and Jack Rogers, tail twister. Gil Jamieson was elected a new member of the board of directors.

Dr. George T. Felbeck Is Presented Hyatt Medal For Achievements In Field Of Plastics

Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation with direct responsibility for the management of Carbide operations in Oak Ridge, last week was awarded the John Wesley Hyatt award for distinguished achievement in plastics.

The presentation was made by the Society of Plastics Industry at its annual meeting in Chicago. About 600 leading plastics manufacturers of the country attended the meeting.

Dr. Felbeck was presented the gold John Wesley Hyatt medal and \$1,000 in recognition of his outstanding contributions to the development of polyethylene resins and plastics that led to large scale manufacturing processes.

A former resident of Oak Ridge, Dr. Felbeck returns here frequently to consult and advise on research and development problems in the Oak Ridge plants and laboratories operated by Carbide.



Dr. G. T. Felbeck

25 Y-12ers Enrolled In Graduate Program

Twenty-five Y-12 employees are enrolled in the spring quarter of the Oak Ridge Resident Graduate Program conducted by the University of Tennessee under a sub-contract with the Oak Ridge Institute of Nuclear Studies.

Varied Courses Are Taken

The students from Y-12 are taking courses in physics, chemistry, mathematics, electrical and chemical engineering. The university supplies the teaching personnel for the program, while the institute equipment, and other facilities for the conduct of the courses, which are held in the institute's training building just south of the AEC Administration Building.

U-T also draws on the scientific personnel of the three major commission facilities operated by Carbide and Carbon Chemicals Corporation to assist in the instruction work.

Work for Masters, Doctors Degrees

A number of students of the program are taking courses leading to the master's degree, and a smaller number are working on their doctorate.

The Y-12 employees enrolled are Kenneth Allen, William Arendale, Warren Beyer, Harry Bronstein, Richard Carter, William Cottrell, William Davis, Harris Dun, Paul Dunn, Stanley Fairbourne, John Googin, Paul Griffin, Jay Hammel, Charles Hatfield, Ralph Hutchison, Royce Jones, Joseph Khym, Edward Long, Harold McCurdy, Carroll Mills, John Morfitt, Raymond Murray, John Murphy, Ben Scott and Alexander Tuholsky.

Pearls, Pilgrim's Progress Found; Turned In To Guards

Some rather unusual articles appeared among these found by Y-12 employees and turned in to Guard Department headquarters last week, according to Chief Miles H. Bradford.

They included a string of pearls, found near Bldg. 9204-3, and a copy of Pilgrim's Progress with margin notes indicating a close study of the book by the loser.

These articles and others that may have been lost and turned in to the Guard Department headquarters, Bldg. 9206-1, may be had by owners on identification. Owners are requested to apply only on day shift hours, as the found articles are locked up at night.

Dr. G. W. Keilholtz Co-Authors Article

Dr. Gerald W. Keilholtz, Dept. H12L, Isotope Development, is co-author of an article published in the April issue of the magazine, Instruments, published by The Instruments Publishing Co., Pittsburgh, Pa. The article is entitled "Micro Analysis of Gases Evolved From Metals" and the other co-author is Martha J. Bergin, of the Sylvania Electric Products Co., Salem, Mass. The article is one of the feature technical articles of the publication and is illustrated with photographs and diagrams.

Y-12 Employees Set All-Time Attendance Mark

A new all-time record of attendance at work since the present system of records has been effect was established by Y-12 employees for the week ending May 22. During that period the absentee record for the entire plant was only 1.8 per cent. This is .4 per cent lower than the best previously recorded mark of an even two per cent posted for the week ending May 2, 1948.

The 1.8 per cent mark is .5 per cent lower than the figures recorded for the previous week ending May 15. It was established through consistently good attendance in departments throughout the plant as five, the same number as the previous week, reported perfect figures for the week ending May 22.

Several Newcomers at Top

Whereas for the week ending May 15 the leaders in both the Major and Minor Leagues mostly were repeaters from the previous recording period; the May 22 standings show several newcomers in the top spots in both classifications. In the Major League composed of departments with more than 50 employees, however, Dept. A14N, Electrical Equipment Repair and Maintenance, held the undisputed top position for the third straight week. Its absentee mark for the week ending May 22 was .5 per cent.

In the Minor League of departments with from 15 to 50 employees scheduled, only one of the five departments that posted "all present" records for the week ending May 15 maintained its record for the next week. This group was Dept. A12N, General Maintenance Office, Planning and Estimating. It was the fourth week in a row this department had a perfect work attendance record.

Minor League Departments Rise

Joining Dept. A12N in the no absences bracket for the week ending May 22 were Dept. A12M, Manufacturing Offices; Dept. A19N, Laundry; Dept. M12S, Steam Plant; and Dept. A13N, General Utilities and Standby. These departments advanced from third, fifth, sixth and ninth places respectively held during the week ending May 15.

Second place in the Major League during the record-breaking week was Dept. H12E, Process Development, which posted an absentee mark of 1.25 per cent. Dept. H12E was in ninth place the previous week. In third place was Dept. A12G, Guards, with mark of 1.31 per cent and which held second place the preceding week.

In the Minor League second place went to Dept. M15P, Chemical, which was one of the five perfect attendance departments during the previous week. Its absentee mark was .5 per cent. The firemen of Dept. A14J jumped from eighth place to third when they posted an absentee record of .8 per cent for

(Continued On Page 2)

SAFETY SCOREBOARD

Your Plant Has
Operated
29 DAYS
Without A Lost Time
Accident
THROUGH MAY 26

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Y-12 Employees Set New Attendance Mark

(Continued From Page 1)
the week ending May 22.
The Y-12 absentee mark, by departments, follows:

| MAJOR LEAGUE | | | | |
|----------------------------------|--------|------------|----------|---------|
| More than 50 Employees Scheduled | | | | |
| Dept. | Absent | Percentage | Standing | 5-22-49 |
| A14N | 0.5 | 1 | 1 | 1 |
| H12E | 1.25 | 2 | 9 | 9 |
| A12G | 1.31 | 3 | 2 | 2 |
| A16N | 1.59 | 4 | 9 | 9 |
| A20N | 1.64 | 5 | 6 | 6 |
| M12P | 1.8 | 6 | 5 | 5 |
| A17N | 1.86 | 7 | 2 | 2 |
| H12L | 1.92 | 8 | 4 | 4 |
| H12D | 2.6 | 9 | 8 | 8 |
| A12S | 2.8 | 10 | 3 | 3 |
| B12L | 3.0 | 11 | 10 | 10 |
| B13L | 5.5 | 12 | 11 | 11 |

Group absentee percentage was two per cent, .4 per cent lower than the preceding week.

| MINOR LEAGUE | | | | |
|---------------------------|--------|------------|----------|---------|
| 15-49 Employees Scheduled | | | | |
| Dept. | Absent | Percentage | Standing | 5-22-49 |
| A12N | 0.0 | 1 | 1 | 1 |
| A12M | 0.0 | 1 | 3 | 3 |
| A19N | 0.0 | 1 | 5 | 5 |
| M12S | 0.0 | 1 | 6 | 6 |
| A18N | 0.0 | 1 | 9 | 9 |
| M15P | 0.5 | 2 | 1 | 1 |
| A14J | 0.8 | 3 | 8 | 8 |
| A12D | 1.11 | 4 | 7 | 7 |
| A12A | 1.14 | 5 | 7 | 7 |
| B12A | 1.6 | 6 | 1 | 1 |
| M12M | 1.7 | 7 | 1 | 1 |
| A12W | 2.4 | 8 | 2 | 2 |
| A13T | 3.2 | 9 | 10 | 10 |
| A13W | 4.0 | 10 | 4 | 4 |
| A12R | 4.1 | 11 | 11 | 11 |
| A12T | 4.2 | 12 | 12 | 12 |

Group absentee percentage was 1.4 per cent, .4 per cent lower than the preceding week.

The plant average for the week ending May 22 was 1.8 per cent, .5 per cent lower than the preceding week.

Safety Lane Tests Begin Again July 1

The Oak Ridge Department of Public Safety has announced that re-inspection of privately owned motor vehicles in the safety lane on East Division Road will not begin until July 1. A spokesman for the department said that in the future inspections will be held in January and July of each year, beginning the first day of each of those months.

To allow ample time for all motor vehicles in Oak Ridge to be tested on the safety lane, the re-inspection period beginning July 1 will last through September 24. This will provide 62 working days for the inspections, a longer time than previously given.

The safety lane will be open from 9:15 a.m. to 1 p.m. and 1:45 p.m. to 6 p.m. during the inspection period.

The present safety lane stickers, listed as expiring June 1, will be honored through the September 24 closing date of the new inspection period.

Wisnowski Directs Folk Dance Festival At Fontana, N. C.

The Oak Ridge Folk Dancing Group, under direction of Matthew Wisnowski, Dept. A12W, held its annual week-end dancing festival and party at Fontana, N. C., May 21 and 22. Dances of many nationalities were performed by the group with the festival being attended by large audiences that included spectators from all parts of the country.

Employees of Y-12 who attended the festival included Wisnowski, Fred Boody, Dept. H12L; Kay Guthrie, Katy Williams and Dean Upchurch, Dept. M12M; Naomi Smelcer, Dept. B12A; L. O. Gilpatrick, Dept. B12L; and Frances Skeen and Evelyn Moody, Dept. B13L.



Y-12 Photos By Vince Moore

MISS MARY ALICE ROBERSON, DEPT. B12L, A JUNE BRIDE-ELECT, WAS HONORED at a shower held Saturday, May 21, at 119 Tabor Road. Hostesses were Annie Rogers, Jo Wright, Betty Brown and Edwinna Shaffer. In the picture, sitting from left are Nell Charles, Annie Rogers, Mary Alice Roberson, Anna Ruth Roberson, Gene Wilson, Nell Trebilcox and Jerry Olerick. Standing are Catherine Love, Neva Harrison, Edwinna Shaffer, Margaret Eager, Jo Wright, Katy Seeley, Betty Brown, Jewel Barringer, Alice Jamison, Lou Steele, Betty Sherman, Eunice Jones, Thelma Cole, Fanny Arnold and Martha McCombs.

Strictly Confidential..

Doris Moore, Dept. A12L, spent last week in Maynardville, Tenn., visiting with her parents, Mr. and Mrs. Vough Moore.

Winfred Ray, Dept. M15P, and his wife, Martha, Dept. M13P, are back on the job after vacationing with home folks in Clifton, Tenn., and Fulton, Ky. J. W. Evert and his family plan to attend the Morris and Essex Dog Show in Madison, N. J., while on vacation. . . . Cleo Edmond spent a quiet vacation in Oak Ridge. . . . Rubye Payne is visiting with her sister in Akron, Ohio.

Nina Lowry, Dept. M12P, is visiting with her parents in Ewing, Ill. Sylva Hatmaker will have as house guests during her vacation this week her niece and nephew, Mr. and Mrs. C. L. Hendricks, of Richmond, Va. . . . Dennie Williams planned to attend the Indianapolis Speedway Races while vacationing in Indiana. . . . The following employees in Dept. M12P made week end trips during the Memorial Day holiday: W. C. Seymour and his family visited with his brother near Fontana Dam, N. C.; Peggy Sigmon with relatives in Lincoln, N. C., where she joined her son who is presently stationed at Fort Bragg; O. M. Blackwell and her husband with relatives in Glasgow, Ky; Mattie Maye in Dickson, Tenn., and Florence, Ala; Hugh Nichols and his wife in Springfield, Ohio.

Lawrence Walker, Dept. A13N, is on the vacation list.

Lillian Hamlet, Dept. A19N, is vacationing in Cumberland Gap, Tenn. . . . Sarah Brown spent the past week end in Riceville, Tenn., visiting her brother.

Fire Chief J. W. Hughey and Capt. H. W. Crouse, of Dept. A14J, attended the state firemen's convention in Nashville last week. . . . Emmett L. Moore is the proud papa of an eight pound, 15 and one-half ounce baby girl, Patricia Ann, born May 23. . . . C. H. Sanders is back on the job after vacationing with his family in Knoxville.

Employees in Dept. H12D known as Susano's Group enjoyed a house party given at the home of C. D. Susano in Knoxville, May 21.

Bob Helton, a junior at the Oak Ridge High School, son of Robert Helton, Dept. H12L, was inaugurated as president of the Student Council, May 25. Bob has on his achievement slate the presidency of the sophomore class and vice-presidency of the student council last year; presidency of the student council at Jefferson junior high; presidency of the Youth Fellowship; chairmanship of a committee for the Career Conference; and varsity basketball at Jefferson.

Olyne Poindexter, Dept. A12M, visited with her grandparents in Nashville.

Lillian Howard, Dept. A13W, is in

Savannah Beach, Ga., taking life easy.

C. G. Henderson, Dept. A13J, is on the batching list this week while his wife is vacationing in Myrtle Beach, S. C. . . . Clarence Johnson spent his vacation last week breaking in the new Oldsmobile which he purchased recently.

Dottie Lockhart Brashears, Dept. M12P, was honored with a stork shower at Batavia Hall on the night of May 19. Hostesses were fellow-employees, including Jeanette Arnold, Ruth Hounshell, Iva Mitchell, Ethel White, and Billie Ramsey. Mrs. Brashears was presented a corsage along with the many lovely gifts. Among the guests present were Polly Gammons, Iwada Boshears, Rella Murr, Dennie Williams, Ethel Rose, Mattie May, Mary Anderson, Magnolia Huddleston, Dora Bagwell, Vera Burchett, Wilma West, Earline Elder, Martha Beals, Dorothy Ditty, Margaret Carter, Grace Boyd, Myrtle Leach, Mildred Crass, Maude Whaley, Sammie West, Martha Ray, Peggy Sigmon, Allie Baer, Mary Hickman, Ann Wiggins, Connie Wilson and Polly Hall.

Edna Cate, Dept. M12P, and her husband spent last week vacationing in Richmond, Va., and Virginia Beach. . . . The department enjoyed a picnic at Concord Lake May 21.

R. J. Barron, Dept. B12A, is in Houston, Tex., visiting his sister. . . . M. C. Wiest is back on the job after spending a quiet vacation in Oak Ridge.

Dept. A12S extends deepest sympathy to T. S. Curtis in the death of his father in Hilton, Va. . . . Walcott Watson and his family are vacationing at Melbourne Beach, Fla. . . . Get well wishes are extended to J. R. Bayless and B. N. Strunk, who were reported on the sick list last week. . . . E. H. Hutson and his family made a week-end trip to Columbus, Ga., to visit his daughter.

Edith Zarzecki, Dept. H12L, and her husband accompanied by her husband's sister, Burnice, of Detroit, Mich., were vacationing in Gatlinburg last week. . . . H. B. Greene, and his family left Friday for Indianapolis, Ind., where they will visit his parents. . . . Get well wishes are extended to Ernest Lees who is ill in the Oak Ridge Hospital. . . . Frank Lambert went fishing in Norris Lake recently and caught his limit in walleyed pike.

Ruth Law, Dept. A12P, is basking in the sun at Daytona Beach, Fla., this week.

Virginia Smith, Dept. A12D, spent last week vacationing with home folks in Dante, Va. . . . Leitha Daniel spent a recent vacation in Memphis, Tenn., with her family. . . . Penny Keene, Dept. A12D, and her



REID - ROBERSON

Mr. and Mrs. Levi Roberson, of Algood, Tenn., have announced the engagement of their daughter, Miss Mary Alice Roberson, a Y-12 employee in Dept. B12L, to Samuel Gray Reid, a former Y-12 employee, who is now employed in Gadsden, Ala., son of Mrs. Ridley Reid and the late Mr. Reid.

The date and time of the wedding, which will be held sometime in June at the Chapel-On-The-Hill, will be announced later.

The bride-elect attended Tennessee Polytechnic Institute in Cookeville, Tenn. Reid attended Birmingham Southern College in Birmingham, Ala., and is a member of the Kappa Alpha Fraternity.



Three births were reported at the Oak Ridge Hospital to Y-12 families recently. Parents were Mr. and Mrs. Vincent Moore, a daughter, May 19; Mr. and Mrs. Emmett L. Moore, a daughter, May 23; and Mrs. Dayton H. Patterson, a daughter, May 25.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Earl J. P. Panter, Dept. H12E; Ernest N. Lees, Dept. H12L; Howard J. Finger, Dept. A20N; Clarence H. Jewell, Dept. A12G; Fred D. Williams, Dept. A16N; Albert D. Cotton, Dept. A20N; Earl E. Murray, Dept. A12W; James T. Firestone, Dept. M12P.

husband, Oliver, Dept. A12M, made a week-end trip to Macon, Ga. . . . Jodie Brown spent the past week end in Viola, Tenn.

M. E. "Makie" Butler, Dept. A12G, and his family motored to Cincinnati over the Memorial Day holiday. . . . B. F. Thomas and his family plan to visit in Buffalo, N. Y. and points of interest in Canada during their vacation. . . . While on vacation C. D. Nelson visited with relatives in Morristown, Greeneville and Jefferson City.

Friends in Y-12 of Leo Chelius, former employee here, and now with the Atomic Energy Commission, are congratulating him over the recent birth to Mrs. Chelius of a 10 pound, 13 ounce son. The baby has been named Patrick Lund Chelius.

Additions To Y-12 Technical Library

PHYSICS

ATOMIC ENERGY. Karl K. Darrow. N. Y., Wiley, 1948. QC 173; D 225.

THE STRUCTURE OF MATTER. F. O. Rice and Edward Teller. N. Y., Wiley, 1949. QC 173; R 496.

CHEMISTRY

ADVANCES IN CATALYSIS AND RELATED SUBJECTS. Vol. 1, edited by W. G. Frankenburg and others. N. Y., Academic Press, Inc., 1948. QD 501; A 244.

CHEMISCHE BERICHTE. N. Y., Stechert-Hafner, current. New journal subscription.

THE FUNDAMENTALS OF COLLEGE CHEMISTRY. G. Brooks King and William E. Caldwell. N. Y., American Book Co., 1949. QD 33; K 52.

PHOTOCHEMISTRY; AND THE MECHANISM OF CHEMICAL REACTIONS. G. K. Rollefson and Milton Burton. N. Y., Prentice-Hall, 1939. QD 601; R 749.

PHYSICAL CHEMISTRY. By Jacob L. Bircher. N. Y., Prentice-Hall, 1940. QD 453; B 617.

RHENIUM. By J. G. F. Druce. Cambridge University Press, 1948. QD 181. R4; D 794.

SCIENCE

CANADIAN JOURNAL OF RESEARCH. Section A - Physical Sciences. Section B - Chemical Sciences. Section F - Technology. Ottawa, Canada, National Research Council, current. New journal subscription.

THE JOURNAL OF SOUTHEASTERN RESEARCH. Atlanta, Ga., Southeastern Research Institute, Inc., current. New journal subscription.

TABLES OF PHYSICAL AND CHEMICAL CONSTANTS; AND SOME MATHEMATICAL FUNCTIONS. 10th edition. G. W. C. Kaye and T. H. Laby. London, Longmans, Green and Co., 1948. Q 199; K 23; Reference.

MEDICINE

DISABILITY EVALUATION. By Earl D. McBride. Philadelphia Lippincott & Co., 1948. RC 991; M 119.

LIFE SCIENCE. By Max W. De Laubenfels. Pasadena, Cal., The author, 1946. QH 308; D 342.

THE 1948 YEAR BOOK OF GENERAL SURGERY. 1948 edition. The Year Book Pub., Inc., 1948.

TECHNOLOGY

CATHODE - RAY OSCILLOGRAPH. 2nd edition. John H. Reynier. London, Pitman & sons, Ltd., 1945. TK 6565.C4; R 459.

HANDBOOK OF INDUSTRIAL ELECTRONIC CIRCUITS. 1st edition. John Markus and Vin Zeluff. N. Y., McGraw, 1948. TK 7870; M 346.

HYDROGEN IN METALS. Donald P. Smith. Chicago University Press, 1948. TN 673; S 645.

INDUSTRIAL ELECTRONICS AND CONTROL. Royce Gerald Kloeffer. N. Y., Wiley, 1949. TK 7815; K 66.

THE STORY OF MAGNESIUM. W. H. Gross. Cleveland, Ohio, American Society for Metals, 1949. TN 799.M2; G 878.

TROCHOTRON DESIGN PRINCIPLES. G. W. Monk and G. W. Werner. The Review of Scientific Instruments. 20, 93-96 (Feb., 1949). Pamphlet.

PATENTS

HOW TO KEEP INVENTION RECORDS. By H. A. Toulmin. Dayton, Ohio, Research Press, Inc., 1948. T 212; T 724.

PATENT LAW FOR THE EXECUTIVE AND THE ENGINEER. H. A. Toulmin. Dayton, Ohio, Research Press, Inc., 1948. T223.T2; T 724.

INDUSTRIAL RELATIONS THE HANDBOOK OF INDUSTRIAL RELATIONS. Edited by J. C. Aspley and Eugene Whitmore. 3rd edition. Chicago, The Dartnell Corp., 1948. HD 6971; A 842.

When a judge makes a mistake, it becomes the law of the land;

When a doctor makes a mistake, he buries it;

But when the editor makes a mistake . . . heaven help him!

Stores And Vets Next Opponents Of Cards

Baseball fans in Y-12 are urged to turn out next Sunday, June 5; and Tuesday, June 7; to watch their Cardinal baseball team in action at Oakwood Park, No. 1. On the Sabbath date the Cards meet Community Stores and the Tuesday engagement will be against the Veterans of Foreign Wars. Both games will start at 8:15 p.m.

Cards Play Colorful Game

Manager Bill Burns has his team playing colorful and courageous baseball and in games so far the outfit has acquitted itself in good fashion. Although dropping the season's opener to K-25 by the score of 7 to 5, the Cards showed plenty of power and led most of the way. The team played two games last week against the AEC Patrol on Sunday and again on Memorial Day they met the Oak Ridge National Laboratory in the night performance of a double header.

Although the K-25 opener now is ancient history several feats of the Y-12ers warrant recalling. Johnson held the K-25 sluggers to two hits until the sixth inning and whiffed seven Hubs. Walter Sherrod got two for five at the plate, one being a homer. Coffey also contributed a round tripper for the Cardinals while Householder and Angel hit four baggers for the winners.

"The Arm" Harassed Hubs

Hub base runners were greatly embarrassed and harassed by Noe, defensive star of the Cards, and Johnson. Noe, called "The Arm" as a result of his accurate pegging, threw out the first three K-25 men attempting to steal with perfect throws to second base. So respectful did the Hubs become of "The Arm" that they refused to budge from first base even in cases of passed balls. Johnson contributed to the situation by picking off the first K-25 runner to reach first base.

The line score of the opening game follows:

| Team | R | H | E |
|------|---|---|---|
| Y-12 | 0 | 0 | 0 |
| K-25 | 0 | 0 | 0 |

Batteries: Y-12, Johnson and Noe. K-25, Redden and McCann.

Men's Varsity Tennis Team Is Trimmed By K-25 Crew

The Y-12 men's varsity tennis team dropped four matches while winning but two in a tangle with the K-25 netters last Thursday. John (Dickey) Byrd and Fred Thomas, of Y-12, beat Meadows and Baldwin, of K-25, 6-1, 6-3, in doubles and Mal Wallis, of Y-12, beat Brankley, of K-25, 6-2, 6-3, in singles.

K-25 singles victories were gained by Kirby over Fred Hurst, 6-2, 6-1; Cheshire over Charles Barton, 6-4, 6-2; and Weglicki over Vince Moore, 6-4, 6-2. The K-25 doubles team of Smith and Michel trimmed Russ Baldock and George

SPORTS NEWS IN Y-12



Y-12 Girls Meet Lab Lassies On Wednesday

The Y-12 women softballers, in fine fettle after frequent choose-up games sandwiched into the plant softball league schedule, will get a taste of outside opposition at 7:15 o'clock Wednesday night when they tackle the lassies from the Oak Ridge National Laboratory at Administration Field. In the scrimmages held to date the Y-12 girls have shown surprising ability and should give the ORNL feminine bat wielders a tough scrap.

The Y-12 girl had a lot of fun again last Wednesday night, and, aided by some rules waiving and other chicanery they drubbed the Bums of the plant league by what some scorer said was 20 to 11. Bums' pitcher Francis was generous to the girls, Mozelle Kennedy getting two for three as did Rogers. Katherine Jenkins got one hit out of two trips to the plate.

More Painting Contracts Given

More contracts have been awarded by the Roane-Anderson Co. for painting of Oak Ridge houses and commercial buildings in the city. The Arthur H. Golden, Co., Chicago, will paint the exteriors of 1,635 cemeo dwelling units for \$129,711. Exterior painting of commercial buildings in nine areas will be done by the All States Decorators, Inc., also of Chicago, for \$7,424.

Wells, 4-6, 6-1, 6-4.

The Y-12 netters will meet the Atomic Energy Commission racquetees at 5:30 o'clock Thursday afternoon on the Jefferson courts.



Y-12 Photos By Vince Moore

ALTHOUGH THEY LOST THEIR OPENING GAME OF THE season, the Y-12 Cardinals made a good showing and undoubtedly will give a good account of themselves in future games. The team squad in the opening game is shown in the upper left picture. Manager Bill Burns is standing second from front at the extreme right. Other players in the picture include Tom Coffey, C. A. Hall, Emmett Moore, Art Stewart, Paul Braden, Bill Wright, E. M. Honeycutt, Warren Grimes, Fred Kappelmann, Walter Sherrod, Elmer Johnson, Joe Lister, C. H. Noe and L. C. Martin. The bat boy and mascot is Tommy Martin, son of L. C. Martin. At right above Y-12 players at least won the first wrangle of the season, C. H. Noe, No. 13; and Manager Burns, in jacket at right; with a K-25 coach stage a rhu-hard with umpires, hidden from view behind the players. The lower picture shows the impressive ceremonies preceding the opening game. As Boy Scouts stood by an American flag back of second base the Y-12 team lined up along the first base line and the K-25 aggregation on the third base side of the field. In the middle stood the Oak Ridge National Laboratory team as the three groups observed a memorial pause for J. B. Bullins, former Y-12 ball player and later manager of the ORNL team who drowned a few weeks ago.

Koontz, Ludwig Golf Averages Tops; New Rulings Announced

Larry Koontz and Floyd Ludwig top the list of Y-12 golfers in averages computed from cards submitted up to last week in the three plant leagues, both having neat 42s. Clyde Bowles is next on the list with an average of 43.

Tied at 44 are Cain, Reynolds and Sherrod while Lavers and Orri-son have a 46 average. Right behind them is Arnold Tiller with 47. Tied at 48 are Ratjen, Olson, Larson, Holzknecht, Barker and Dunlap. Rules Cover Called Matches

A new ruling was inserted into league by-laws last week when it was determined that matches which are rained out after starting or halted because of darkness shall resumed from the last completed hole. However, if matches are tied at the end of either nine or 18 holes and have to be called on account of rain or darkness they shall be re-played entirely.

Schedule for the week beginning June 6 follows:

Birdie League-Tiller and Grimes vs Barker and Doyle. Foster and Brown vs Harris and Matlock. Olson and Nessle vs Ratjen and Henderson. Cain and Hooker vs Dunlap and Crews.

Par League-Keese and Mitchell vs Bowles and Wiest. Holzknecht and Adkins vs Caldwell and Stetson. Herndon and Underwood vs Lavers and White. Peterson and Overholser vs Reynolds and Bernander.

Bogey League-Ludwig and Cotton vs Duncan and Hubbard. Orri-son and MacKay vs Larson and Til-son. Koontz and Lister vs Tibbatts and Wanamaker. Strohecker and Crouse vs Sherrod and Seymour. Matches Are Reported

Results of matches reported to the Recreation Office since Friday, May 20, follow:

Birdie League-Olson and Nessle defeated Harris and Matlock, four and three. Tiller and Grimes defeated Dunlap and Crews, six and five. Dunlap and Crews defeated Harris and Matlock, three and two. Ratjen and Henderson defeated Foster and Brown, one up. Cain and Hooker defeated Barker and Doyle, two up.

Par League-Caldwell and Stet-son defeated Herndon and Under-wood, two up. Caldwell and Stetson defeated Reynolds and Bernander, one up.

Bogey League-Ludwig and Cot-ton defeated Sherrod and Seymour three and two. Duncan and Hub-bard defeated Tibbatts and Wana-maker, two up. Strohecker and Crouse defeated Duncan and Hub-bard, one up.

The absent-minded professor walked into one of the local bar-ber shops, sat down in the chair, and requested a hair cut.

"Certainly, sir," said the barber.

"Would you mind removing your hat?"

The professor hurriedly complied. "I'm sorry," he apologized. "I didn't know there were ladies present."

Vet Softball Hurlers Feature Plant Games

With one eye on the weatherman and keeping his fingers crossed, Y-12 Recreation Supervisor Arnold Tiller has compiled a schedule to complete play in the first round of the plant softball league, including previously rained out contests. The schedule will continue through June 8.

All Americans Tumble Isotopes

Jupiter Pluvius found other play-grounds than the Administration Field, home of the Y-12 softballers, from May 20 through May 25, and eight games were posted in the score book. As of last Thursday, the Rip-pers led the loop with four wins and no defeats, being the only out-fit without a loss. The previously undefeated Isotopes were tumbled by the up and coming All Ameri-cans to tighten the race.

Fine performances by two veter-an star twirlers marked recent games. Johnny Webb held the Iso-topes to two bingles and whiffed 17. However, one of the blows was a home run with two on by Frazier. Ed Sise, badly battered in one pre-vious performance, came back to hurl the Hit Balls to win over the Bums and fanned 15. The closest tussle of the week saw the Bldg. 9212 nine trim One-91 by the score of 13 to 12 by virtue of a last inning tally.

Schedule Through June 8

The schedule from Wednesday, June 1, through June 8, follows:

Wednesday, June 1
5:45 p.m., Isotopes vs Bums. 7:15 p.m., Women's game, Y-12 vs Oak Ridge National Laboratory. 8:45 p.m., All Americans vs One-91.

Friday, June 3
5:45 p.m., Bldg. 9212 vs Bums. 7:15 p.m., Rippers vs All Ameri-cans. 8:45 p.m., All Stars vs Iso-topes.

Monday, June 6
5:45 p.m., Hit Balls vs Bldg. 9212. 7:15 p.m., Women's game. 8:45 p.m., All Americans vs All Stars.

Wednesday, June 8
5:45 p.m., Bldg. 9212 vs Rippers. 7:15 p.m., One-91 vs Rippers.

Line scores of games played last Wednesday and league stand-ing at that time follows:

| Team | R | H | E |
|---------------|---|---|---|
| All Amer. | 0 | 0 | 0 |
| Bums | 2 | 1 | 0 |
| Isotopes | 0 | 7 | 0 |
| One-91 | 0 | 1 | 2 |
| Bldg. 9212 | 1 | 2 | 1 |
| All Stars | 3 | 0 | 0 |
| One-91 | 3 | 1 | 2 |
| Bldg. 9212 | 3 | 5 | 0 |
| Rippers | 1 | 0 | 0 |
| Bums | 1 | 0 | 2 |
| All Americans | 4 | 3 | 0 |
| Isotopes | 3 | 0 | 1 |
| One-91 | 3 | 0 | 0 |
| Bldg. 9212 | 2 | 1 | 0 |
| Rippers | 4 | 0 | 0 |
| Isotopes | 3 | 1 | 0 |
| All Americans | 2 | 1 | 0 |
| Bldg. 9212 | 2 | 1 | 0 |

Batteries: Bums, Darby and Brown. All Americans, Ross and Boatman.

Isotopes: Stukenbroeker and Frazier. One-91, Finley and Amos.

Bldg. 9212: Mustin and Barker. All Stars, Carruthers and Marrow.

One-91: Thurman and Barker. One-91, Finley and Amos.

Rippers: Gordon and Lowery. Bums, Walton and Hale.

All Americans: Webb and Boatman. Isotopes, Killian, Love and Frazier.

One-91: Higgins and Marrow.

Bums: Darby, Walton and Hale. Hit Balls, Sise and Sherrod.

LEAGUE STANDING

| Team | W | L | Team | W | L |
|---------------|---|---|-----------|---|---|
| Rippers | 4 | 0 | All Stars | 2 | 2 |
| Isotopes | 3 | 1 | Bums | 2 | 3 |
| All Americans | 2 | 1 | Hit Balls | 1 | 3 |
| Bldg. 9212 | 2 | 1 | One-91 | 0 | 5 |

New York Group Hears Dr. Keim

Use of stable isotopes produced in Y-12 in research work was de-scribed before the Mass Spectro-meter Group of the Consolidated Engineering Corporation in a meet-ing at New York last Friday by Dr. C. P. Keim, Superintendent of the Y-12 Isotope Development Depart-ment. The meeting was held at the Commodore Hotel and the topic of Dr. Keim's talk was "Stable Iso-topes Concentrated Electromagnet-ically and Some Of Their Uses in Research."

More Sport News On Page Four



Y-12 Photos By Vince Moore

CONCLUSION OF ONE OF THE FIRST MATCHES PLAYED in the Y-12 Golf Leagues is shown above. L. H. (Sky) Barker is figuring the score directly in front of the Hole No. 18 flag but he couldn't figure himself and partner, Howard Doyle, extreme left, into a victory over Harold Ratjen, next to Doyle, and Cliff Henderson, extreme right. As a result the match went into the records as a record for Henderson and Ratjen. The gent in the striped sweater kibitzing the scoring is Bill Morgan.

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Fishing Contest Is Launched For Y-12 Anglers And Families; Prizes In Six Species Planned

Well, you Y-12 fishermen have asked for it—so here it is.

There will be a fishing contest staged under auspices of the Recreation Office, beginning Sunday, May 30, and continuing through Labor Day, Monday, September 5. This contest should settle all arguments—if any fishing arguments can be settled—as all statistics on fish caught must be attested to not only by the fisherman himself but

also by two witnesses.

However, contest rules are most generous—the reports need not be notarized.

Prizes are to be awarded the fisherman bagging the biggest fish in six different species. A description of these prizes will be announced later in the season.

To make the contest a family affair, any member of the immediate family of any Y-12 employee is eli-

gible to enter a fish in the contest. That will include spouse, children and parents.

As pictures of fish sometimes are misleading—maybe not intentionally—no photographs will be required with the affidavit on each fish entered. However, such pictures will be welcomed and those suitable for publication from a technical standpoint will be published in The Y-12 Bulletin.

The species of fish eligible for prizes are rainbow trout, sauger pike, walleye pike, crappie, large mouth bass and small mouth bass. No fish caught in Florida are eligible to compete in the contest as it seems the finney tribe grow larger in the Land of the Itching Palm than in nearby waters.

Rules For Contest Simple

Rules for the contest are simple. Here they are:

1. Fish must be caught on rod and line and may be played by only one person.
2. Fish must be caught in legal season only.
3. No fish caught from any hatchery are eligible.
4. The affidavit form, published on this page of The Y-12 Bulletin, or a copy of same, which may be obtained at the Recreation Office, must be filled out completely and submitted for each fish entered in the contest.
5. The affidavit must reach the Recreation Office within 15 days after the catch, but not later than Monday, September 19.
6. In the event of two or more entries having identical measurements and weight identical awards will be made to each fisherman.
7. Each fish entered must have been caught by a Y-12 employee or immediate member of his family.

Honorable Judges Are Appointed
The Recreation Office has appointed as judges two Y-12 employees of unquestioned integrity—Joe White, of the Employment Office; and George W. Dobbs, editor of The Y-12 Bulletin. Not only is their integrity beyond question—but each has a reputation of being able to spot a phony finney fable a furlong away. Also, neither has been caught fishing in recent years and this fact is expected to insure their neutrality. In fact—their usual response to an invitation to go fishing is:

"Who's going to do the fishing?" So get busy, you inveterate anglers of Y-12 and report your catches and possibly win a handsome prize at the end of the season.

Lucky man—A young couple asked the parson to marry them immediately following the Sunday morning service. When the time came, the minister arose to say: "Will those who wish to be united in holy bonds of matrimony please come forward?"

There was a great stir as thirteen women and one man approached the altar.



A GROUP OF Y-12 EMPLOYEES WHO ARE MEMBERS OF THE OAK RIDGE POWER Squadron are shown above at a recent dinner meeting at Clinton. From left are George Banic, Dept. H12L; E. G. Richardson, Dept. B12A; Walcott Watson, Dept. A12S; W. C. Tunnell, Dept. A13W, newly elected commander of the squadron; William Rathkamp, Dept. H12L; G. J. Angle, Dept. A12W, newly elected lieutenant commander; and William Brundage, Dept. H12L, member of the executive committee. Commander Tunnell is presenting a piloting certificate to Richardson in the picture.

Power Squadron Led By Y-12ers; Busy Program Set For Summer

Nautically-inclined Y-12 employees will play important roles in activities of the Oak Ridge Power Squadron during the coming months as W. C. Tunnell, Dept. A13W, was elected commander and Gustave J. Angele, Dept. A12W, was selected lieutenant commander of the squadron at the annual election meeting held in the Park Hotel at Clinton, Friday, May 20. William F. Brundage, Dept. H12L, was elected to membership on the executive committee. Other officers include F. Phillip Collett, secretary; and Donald H. Stewart, treasurer.

Among the 12 new members inducted into the squadron at the meeting were Shift Supervisor Everett G. Richardson and Millard Stevens, both of Y-12. One Y-12 woman employee, Mrs. Frances E. Gilliam, received a certificate for completing a piloting course and advanced piloting certificates were presented to Harvey T. Kite, George M. Lockhart, William Rathkamp, Walcott Watson and Tunnell, all of Y-12.

A busy program for the summer is being mapped out by the squadron. A series of sailboat races will be inaugurated about June 18 and a fish fry and general outing known as a rendez-vous will be held at Kingston some time in July. Commander Tunnell is expected to be in charge of an outboard motorboat regatta at Norris Lake some time in August.

The squadron also is co-sponsor with the Tennessee Valley Sportsmen's Association of the Tennessee-Ho power boat pilgrimage from Paducah, Ky., up the Tennessee River to Knoxville. At least two Oak Ridge boats will take part in the voyage.

Another activity of the squadron will be entering a booth in the Sportsmen's Show to be held in Chilhowee Park in Knoxville June 13 and 14.

Then there was a woman driver who was motoring along a country highway. She noticed two repairmen climbing a telephone pole. She turned to her companion and said: "Aren't they fools? They probably think I never drove a car before."

Second Victory On Courts Won By Y-12 Girls

The Y-12 feminine racqueteers racked up their second straight victory of the season last week when they trounced the strong Independents, five matches to one, in the Oak Ridge City League. Our side took three singles and two doubles tilts, losing only one singles engagement.

Joan Gilliam beat Ann Morton, 6-2, 6-4. Mary Freestone trounced Bobbie Colley, 5-7, 6-3, 6-3; and Helen Burkhalter defeated Eugenia Gurney, 7-5, 6-1. Ann Hart, of Y-12, lost to Mary Fox, 6-4, 6-4.

In doubles, Y-12's Phyllis Brown and Elizabeth Patrick beat Louise Gilbert and Margaret Huff, 6-1, 6-2. Mozelle Rankin and Virginia Spivey turned back Ann Gwaltney and Betty Lambert, 6-2, 6-0.

In Y-12 ladder play Hart beat Brown, Rankin beat Thompson and Freestone beat Burkhalter last week. The ladder standing now is Gilliam, Freestone, Burkhalter, Hart, Brown, Patrick, Rankin, Spivey, Thompson and Hutchison.

TEXTILES USE ISOTOPES

The magazine "Textile World" has cited the increased use of radioactive tracers in industry and Managing Editor William B. Dall has indicated that the textile industry might use isotopes to a greater percentage than many others.

The honeymoon is over when the wife starts complaining about the noise her husband makes getting breakfast.

Highlights Of ACS Meeting Will Be Told Over Radio

Dr. J. L. Gabhard, of the K-25 plant of Carbide and Carbon Chemical Corporation, will present highlights of the coming Southeastern Regional Meeting of the American Chemical Society on the radio program, "Headlines in Chemistry," to be given at 4:45 p.m., Saturday, June 4, over Station WATO. The regional meeting will be held in Oak Ridge June 10 and 11.

J. Carlton Jealous, former Y-12 employee now with the Oak Ridge National Laboratory, will act as interviewer on the program to be presented by Dr. Gabhard. Leonard Fromm, also of ORNL, will be the announcer. The radio program is sponsored by the East Tennessee Section of the ACS.

Sample Affidavit — Y-12 Fishing Contest

I hereby swear that the following statements are the truth, that in taking this fish I complied with all rules of the contest and that the witnesses listed actually witnessed the weighing and measuring of this fish.

Kind Of Fish _____ Weight _____ lbs. _____ oz.

Length _____ in. Girth _____ in. Where caught _____

Date Caught _____ 1949 Rod Make _____

Reel Make _____ Line Make _____

Bait (Live or what type artificial) _____

Caught By (Signature) _____

Street _____ City _____ State _____

We, the undersigned, witnessed the weighing and measuring of the fish described above and we each verified the weight and measurements as given. The fish was weighed on tested scales and measured with a standard measuring device.

Signature _____ Signature _____

Address _____ Address _____

Emergency Practice Drills Train Y-12ers

(Continued From Page 1)

visor and Local Emergency Director and requests the drill. The specific building emergency procedure and other details are discussed prior to setting the date for the drill.

When the building emergency procedure requires a building to be evacuated by employees in case of an emergency the Local Emergency Director sounds the emergency alarm in the building signifying start of the drill. Wardens then evacuate all personnel except the Local Emergency Director and Local Emergency Squad. The director and squad assemble at a point designated in the building emergency procedure and when all of the building personnel has been accounted for by the Wardens and Director, the latter checks with the Shift Supervisor and then gives the all-clear signal for the personnel to re-enter the building and resume work.

Employees Follow Directions
In practice drills held to date where building evacuation is required, departure of employees generally has been orderly. Employees whose duties require placing documents and equipment in designated containers have carried out directions practically to the letter. Particular attention is given to properly disposing of classified documents and material in receptacles designated under provision of the Plant Emergency Plan. This is an important security measure for the protection of important papers and material.

In addition to checks by the Shift Supervisors, members of the Y-12 Fire Department, and Safety and Security Department representatives have attended the practice drills, as provided for in the Emergency Plan. Following each practice drill the Shift Supervisor and Local Emergency Director review the action and take steps to smooth out any rough spots that may have appeared in the drill.

Drills About Every Three Months

The unscheduled emergency drills will follow the pre-arranged drills by approximately one month and about every three months thereafter. Arrangements for the unscheduled drills are made by the Plant Shift Supervisor, Building Supervisor and Local Emergency Director and mechanics of the drill follow those for the pre-arranged drills.

Typical emergency problems may be composed and submitted to Local Emergency Directors for study and possible use during the periodic drills from time to time.

Long-Playing Discs Again On Program

Long-playing records again will be featured on the June 2 program of the Oak Ridge Music Listening Group when Leonard Fromm, of the Oak Ridge National Laboratory, will present the program notes. The concert will be held at 8 p.m. in the East Lounge of the Ridge Recreation Hall and admission is free.

The first selection to be played without pause between records will be Debussy's "Blessed Damsel." This will be followed by Ravel's Piano Concerto for left hand, played by Casadesu and the Philadelphia Orchestra under Ormandy. "Adagio for Strings," by Barber, will then be presented and the concluding number will be Brahms' Symphony No. 4, in E Minor played by the Boston Symphony Orchestra directed by Serge Koussevitsky.